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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 6731-01

First Inventor Keiji Nakahara

Title METHOD OF MANUFACTURING LIGHTWEIGHT HIGH-STRENGTH MEMBER

Express Mail Label No. EL701911807US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 20]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
- Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (*when there is an assignee*)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No. /

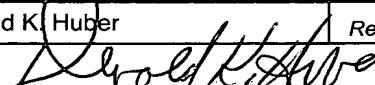
Group Art Unit: _____

Prior application information:

Examiner _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code/label here)			<input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below
Name	McCormick, Paulding & Huber			
Address	City Place II 185 Asylum Street			
City	Hartford	State	CT	Zip Code
Country	USA	Telephone	860.549.5290	Fax
Name (Print/Type)	Donald K. Huber		Registration No. (Attorney/Agent)	18,686
Signature			Date	November 1, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 910.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Keiji Nakahara
Examiner Name	
Group Art Unit	
Attorney Docket No.	6731-01

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
 Deposit Account Number 13-0235
 Deposit Account Name McCormick, Paulding & Huber LLP
 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:
 Check Credit card Money Order Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1)		(\$)	740.00

2. EXTRA CLAIM FEES

Total Claims	4	-20** =	0	x	Fee from below	=	Fee Paid
Independent Claims	1	-3** =	0	x			
Multiple Dependent					0.00	=	0.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 280	204 140	Multiple dependent claim, if not paid	
109 84	209 42	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)	0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	130.00
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination or a design application	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 170.00)**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Donald K. Huber	Registration No. (Attorney/Agent)	18,686	Telephone	860-549-4290	
Signature					Date	11/01/2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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DATE OF DEPOSIT November 1, 2001
I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE
"EXPRESS MAIL, POST OFFICE TO ADDRESSEE" SERVICE UNDER
37 C.F.R. 1.10 ON THE DATE INDICATED ABOVE AND IS
ADDRESSED TO THE COMMISSIONER OF PATENTS AND
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Ana R. Rivera
(TYPED NAME OF PERSON MAILING PAPER OR FEE)

(SIGNATURE OF PERSON MAILING PAPER OR FEE)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of)
Keiji Nakahara et al.)
on METHOD OF MANUFACTURING)
LIGHTWEIGHT HIGH-STRENGTH MEMBER)
Serial No.: *Not yet assigned*)
Filed: Simultaneously herewith) (Our Docket No. 6731-01)

Hartford, Connecticut, November 1, 2001

Box Patent Application
Assistant Commissioner for Patents
Washington, DC 20231

PETITION TO PERMIT COLOR PHOTOGRAPHS

01/14/2002 AOSMAN1 00000017 10040738

02 FC:122

130.00 OP UNDER 37 CFR 1.84(b)(1)

SIR:

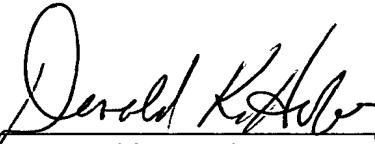
Applicants hereby petition pursuant to 37 CFR 1.84(b)(1&2), 37 CFR 1.84(a)(2), and other applicable authority, that they be permitted to use certain color photographs, and/or true photocopies thereof, as formal drawings in the above-referenced patent application. The involved drawings are those containing Figs. 4A, 4B, 4C, 5A, 5B, 5C, 6, 7, and 8.

In support of said petition, Applicants would point out that the subject matter of the color photographs comprising Figs. 4A, 4B, 4C, 5A, 5B, 5C, 6, 7, and 8 are microphotographs showing microstructures of metals which are important to an understanding of the invention, and are microphotographs which are of sufficient quality so that all details are reproducible in black and white in an issued printed patent, as evidenced by the drawings of the corresponding Japanese priority application no. 2000-335713 filed concurrently herewith.

A check for \$130.00 is enclosed in accordance with the requirements of 37 CFR 1.17(h)) and is believed sufficient for the filing and handling of the instant petition.

Please charge our Deposit Account No. 13-0235 for any deficiencies in fees associated with the filing of the instant petition.

Respectfully submitted,

By 
Donald K. Huber
Registration No. 18,686
Attorney for Applicants

McCormick, Paulding & Huber LLP
CityPlace II
185 Asylum Street
Hartford, Connecticut 06103-3402
(860) 549-5290